

## XB5AS9442

red Ø40 Emergency stop, switching off pushbutton  
Ø22 latching key release 1NC



### Main

|                               |  |
|-------------------------------|--|
| Range of product              | Harmony XB5  |
| Product or component type     | Complete emergency switching off push-button   |
| Device short name             | XB5  |
| Bezel material                | Plastic  |
| Fixing collar material        | Plastic  |
| Mounting diameter             | 22 mm  |
| Sale per indivisible quantity | 1  |
| Shape of signaling unit head  | Round  |
| Type of operator              | Mechanical latching  |
| Reset                         | Key release  |
| Operator profile              | Red mushroom Ø 40 mm unmarked  |
| Type of keylock               | Ronis 455  |
| Key withdrawal position       | Center   |
| Contacts type and composition | 1 NC   |
| Contacts operation            | Slow-break   |
| Connections - terminals       | Screw clamp terminals : $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN 60947-1<br>Screw clamp terminals : $>= 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN 60947-1 |

### Complementary

|   |  |
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| Height                                      | 43 mm  |
| Width                                       | 40 mm  |
| Depth                                       | 100 mm   |
| Terminals description ISO n°1               | (11-12)NC  |
| Product weight                              | 0.075 kg   |
| Resistance to high pressure washer          | 7000000 Pa at 55 °C, distance: 0.1 m   |
| Contacts usage                              | Standard contacts  |
| Positive opening                            | With positive opening conforming to EN/IEC 60947-5-1 appendix K  |
| Operating travel                            | 1.5 mm (NC changing electrical state)<br>4.3 mm (total travel)   |
| Mechanical durability                       | 300000 cycles  |
| Tightening torque                           | 0.8...1.2 N.m conforming to EN 60947-1   |
| Shape of screw head                         | Cross head compatible with Philips no 1 screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Slotted head compatible with flat Ø 5.5 mm screwdriver  |
| Contacts material                           | Silver alloy (Ag/Ni)   |
| Short circuit protection                    | 10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1   |
| [Ith] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1  |
| [Ui] rated insulation voltage               | 600 V (degree of pollution: 3) conforming to EN 60947-1  |
| [Uimp] rated impulse withstand voltage      | 6 kV conforming to EN 60947-1  |
| [Ie] rated operational current              | 3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1<br>6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1<br>0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1<br>1.2 A at 600 V, AC-15, A600 conforming to EN/IEC 60947-5-1 |
| Electrical durability                       | 1000000 cycles, AC-15, 2 A at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C<br>1000000 cycles, AC-15, 3 A at 120 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C   |

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1000000 cycles, AC-15, 4 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5  
conforming to EN/IEC 60947-5-1 appendix C  
1000000 cycles, DC-13, 0.2 A at 110 V, operating rate: 3600 cyc/h, load factor: 0.5  
conforming to EN/IEC 60947-5-1 appendix C  
1000000 cycles, DC-13, 0.5 A at 24 V, operating rate: 3600 cyc/h, load factor: 0.5  
conforming to EN/IEC 60947-5-1 appendix C

|                                      |   |
|--------------------------------------|---|
| Electrical reliability IEC 60947-5-4 | $\Lambda < 10\text{exp}(-6)$ at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4<br>$\Lambda < 10\text{exp}(-8)$ at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4 |
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## Environment

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| Protective treatment                       | TH   |
| Ambient air temperature for storage        | -40...70 °C  |
| Ambient air temperature for operation      | -25...70 °C  |
| Class of protection against electric shock | Class II conforming to IEC 60536   |
| IP degree of protection                    | IP66 conforming to IEC 60529   |
| NEMA degree of protection                  | NEMA 13<br>NEMA 4X   |
| IK degree of protection                    | IK03 conforming to IEC 50102   |
| Standards                                  | EN/IEC 60204-1<br>EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>EN/ISO 13850<br>IEC 60364-5-53<br>JIS C 4520<br>UL 508<br>CSA C22.2 No 14      |
| Product certifications                     | BV<br>CSA<br>DNV<br>GL<br>LROS (Lloyds register of shipping)<br>RINA<br>UL listed  |
| Vibration resistance                       | 5 gn 2...500 Hz IEC 60068-2-6  |
| Shock resistance                           | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Offer Sustainability

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| Sustainable offer status         | Not Green Premium product                         |
| REACH                            | Reference not containing SVHC above the threshold |
| Product end of life instructions | Need no specific recycling operations             |